

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003949**Date Inspected:** 22-Sep-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2230**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	NA			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006			Component:	OBG		

Summary of Items Observed:

Caltrans Quality Assurance (QA) Inspector, Mike Hasler was present to observe the fitup, welding and related activities associated with the fabricating of Caltrans Orthotropic Box Girder (OBG) and Tower, for the San Francisco Oakland Bay Self Anchored Suspension Bridge, at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

Item	Description	WBS	Dwg No.	Status
1	Side Plate	NA	NA	QA-UT

OBG

Bay 3: Caltrans QA inspector performed ultrasonic test (UT) inspection. The Caltrans QA inspector received ZPMC notification of witness inspection request for QA-UT verification, document number 001082. The subassemblies are identified as side panel SP762, WT splice weld, number 043 and 044 and SP722, WT splice weld, 047, 048. Caltrans QA inspector observed, from the markings on the subassemblies that ZPMC QC has completed their UT inspection and have accepted the weldments. The ZPMC QC-UT inspector is identified as Mr. Xue Hai Rong. Caltrans QA-UT verification inspection was performed and the welds were found to be conformance with contract specifications. See Caltrans Ultrasonic Testing Report (TL-6027), dated September 22, 2008 for additional information.

Summary of Conversations:

As identified within the contents of this report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco, 138-1694-2685, who represents the Office of Structural Materials for

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your project.

Inspected By: Hasler, Mike

Quality Assurance Inspector

Reviewed By: Cuellar, Robert

QA Reviewer